

## **Environmental assessment of basin geosystems based on the landscape approach**

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### **Abstract**

The article presents the methodology of environmental assessment of the state of a river basin based on the landscape approach using geoinformation systems. This study implements the landscape approach to evaluation, when types of terrain, i.e. the natural geographical systems, act as the spatial-operational units, which ensures the objectivity of the obtained results. The main land use categories are used as the factor of anthropogenic pressures. With this purpose, a spatial database of the functional use of the studied territory, based on the results of a satellite image analysis, was created.

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### **Keywords**

Anthropogenic pressures, Environmental assessment, Geoinformation systems, Landscapes, RSD, Watershed